

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RE PATENT APPLICATION OF: MOHARRAM, OMAYMA EL-SAYED

**SERIAL NO:** 

10/668,133

**ART UNIT: 3629** 

FILING DATE:

09/24/2003

SUBJECT:

TOOL AND METHOD FOR OPERATIONS, MANAGEMENT, CAPACITY.

AND SERVICES BUSINESS SOLUTION FOR A

TELECOMMUNICATIONS NETWORK

THE COMMISSIONER OF PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450

Dear Sir:

## INFORMATION DISCLOSURE AND PRIORITY BENEFITS

The undersigned respectfully submits the following for consideration in respect of the examination of the above-identified application and for claiming the priority benefits:

- 1. Information disclosure statement, (a copy of the publication is attached); and
- 2. Priority data sheet, (a certified copy of the Canadian's application is attached).

Yours truly,

Omayma Moharram, Ph.D., P.Eng.

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January 27, 2004

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PTO/SB/02B (08-03)

Approved for use through 08/31/2003, OMB 0551-0032
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## **DECLARATION – Supplemental Priority Data Sheet**

Foreign applications:					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MWDD/YYYY)	Priority Not Claimed	Certified Co	py Attached?
2,440,173	CANADA	09/04/2003			

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gethering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the infidence carry comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Un organisme d'Industrie Canada Canadian Intellectual Property Office

An agency of Industry Canada CA 2440173 A1 2005/03/04

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(12) DEMANDE DE BREVET CANADIEN CANADIAN PATENT APPLICATION

(13) A1

(22) Date de dépôt/Filing Date: 2003/09/04

(41) Mise à la disp. pub./Open to Public Insp.: 2005/03/04

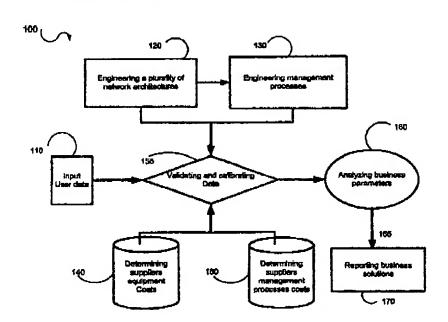
(51) Cl.Int.7/Int.Cl.7 G06F 17/80, H04L 12/00

(71) Demandeur/Applicant: MOHARRAM, OMAYMA E., CA

(72) Inventeur/inventor;
MOHARRAM, OMAYMA E., CA

(54) Titre : OUTIL ET METHODE APPORTANT UNE SOLUTION COMMERCIALE D'EXPLOITATION, DE GESTION, DE CAPACITE ET DE SERVICES POUR UN RESEAU DE TELECOMMUNICATIONS

(54) Title: TOOL AND METHOD FOR OPERATIONS, MANAGEMENT, CAPACITY, AND SERVICES BUSINESS SOLUTION FOR A TELECOMMUNICATIONS NETWORK



(57) Abrégé/Abstract:

An operations, management, capacity, and services (OMCS) tool and method are presented for analyzing business parameters for a plurality of network architectures; and comparing the business parameters for said network architectures for determining cost savings of one network architecture versus another and for determining a business solution that articulates the network architecture for reducing total expenditure. The business parameters comprise capital expenditure (CAPEX), operational expenditure (OPEX), total expenditure, revenue, capacity, return on investment (ROI), and other business and financial statistics. The OMCS tool and method determine the business solution for an owned, a leased, or partially owned and leased telecommunications network. The business solution further comprises network architecture having network elements (NEs), customer premise equipment (CPE), and links from the same or different equipment suppliers; and having network, service, and customer management processes from the same or different management processes suppliers.



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to the Peperwork Reduction Act of 1895, no sensore are required to respond to a self-color of information unless it control as well-d OMB control assets. Complete If Known Substitute for fore: 1448/PTO Application Number 10/668,133 Filing Date 09/24/2003 INFORMATION DISCLOSURE First Named Inventor Omayma E. Mohamam STATEMENT BY APPLICANT Art Unit 3629 Examiner Name Attorney Docket Number

Examiner Initials*	Cita	Document Number	Publication Date	T DOCUMENTS  Name of Patentee or Page Columns Lines M		
		Number-Kind Code <sup>T (Finance</sup>	MM-DO-YYYY	Applicant of Clied Document	Pages, Columns, Lines, Where Relevant Postages or Relevant Figures Appear	
		<sup>US-</sup> 6,446,123	09/03/2002	Battantine, et al.		
		<sup>US-</sup> 6,298,123	10/02/2001	Nolting, et al.		
		<sup>US-</sup> 6,219,654	04/17/2001	Ruffin, Michael		
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FROM : OMAYMA MOHARRAM

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**Filing Date** INFORMATION DISCLOSURE 09/24/2003 STATEMENT BY APPLICANT First Named Inventor Omayma E. Moharram Art Unit 3629 (Vse as many sheets as necessary) Examiner Name **Attorney Docket Number** of 1

Examiner Initials*	Citte No.1	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	72
	1	MOHARRAM, et al., Layer 2 and Layer3 Virtual Private Networks Operations Expenditures for Architecture1 Technology Alternatives, WTC/ISS02,09/22-27/2002, Paris, France.	•
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<sup>\*</sup>EXAMPLE\*C Initial if represence consistence, which are or not eligible in its combinations with NPEP 808. Draw line through clinitism if not in conformance and not consistence, include copy of this form with heat communication to applicant.

1 Applicant's unique citation chargement of properties of applicants. Applicant is negative to place a check mark have if English tempurage Translation in effective.

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